IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Randal T. Beste, et al. 8 §

Serial No.: Not Yet Assigned § Group Art Unit: Unknown

Filed: August 5, 2003 Examiner: Unknown

For: Electromagnetic Wave δ

Resistivity Tool

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application Commissioner of Patents

P.O. Box 1450 Alexandria, VA 22313-1450

Att'y Docket No. 1391-43700 Client Ref. No.: 2003-IP-010935

Date: August 5, 2003

Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. A copy of each publication listed on Form PTO-1449 is enclosed herewith.

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Respectful

Mark E. Scott

PTO Reg. No. 43,100 CONLEY ROSE, P.C.

P.O. Box 3267

Houston, TX 77253-3267 (713) 238-8000 (Phone)

(713) 238-8008 (Fax)

ATTORNEY FOR APPLICANTS

PTO/SR/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ond to a collection of information unless it contains a valid OMB control number Under the Paperwork Reduction Act of 1995, no persons are required to res

Complete if Known Substitute for form 1449A/PTO Application Number Not Yet Assigned Filing Date INFORMATION DISCLOSURE August 5, 2003 First Named Inventor Randal T. BESTE STATEMENT BY APPLICANT Art Unit Unknown Examiner Name Unknown

Attorney Docket Number | 1391043700

(Use as many sheets as necessary) of Two One Sheet

US

U. S. PATENT DOCUMENTS Name of Patentee or Cite No.1 Document Number Pages, Columns, Lines, Where MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code² (FANOWI) Figures Appear US- 4,949,045 Clark et al 08-14-1990 US- 5,530,358 06-24-1996 Wisler et al. US- 5,661,401 08-26-1997 Ishikawa et al. us- 6,218,842 B1 04-17-2001 Bittar et al. US- 6,577,129 B1 06-10-2003 Thompson et al. US-US. US-US-US-IIS. IIS. US-US-US-US-

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ (Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		

Examiner	 Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete duplication from the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(05-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Substitute for	form 1449B/PTO			Complete if Known			
					Application Number	Not Yet Assigned		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Filing Date	August 5, 2003		
				ICANT	First Named Inventor	Randal T. BESTE		
(Use as many sheets as necessary)					Art Unit	Unknown		
					Examiner Name	Unknown		
(Sheet	Two	of	Two	Attorney Docket Number	1391043700		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, dily and/or country where published.	T ²
		Teledyne Relays, High Temperature (200 degree C) To-5 Relay DPDT; Series 412H, 422H, 432H; 1996 (p 65-67)	
			ļ
			<u> </u>
			 -
			-
			-
		·	

Examiner Signature	Date Considered	}

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant, I I applicant using cultation designation number (optional). 2 applicant is not place a check mark here if English language Translation is attached. This collection of elements in anguered by 57 CPF 1.85, the information is required to chain or relatine a benefit by the public which is to fit (and by the LUSPTO This collection of elements in anguered by 57 CPF 1.85, the information is required to chain or relatine a benefit by the public which is to fit (and by the LUSPTO This will vary dependent upon the individual case. Any open which including adhering, preparing, and submitting the completed application from to the LUSPTO. This will vary depending upon the individual case. Any open public including a control of time by our require to complete this form and/or suggestions for reducing this bursten, schold be sent to the Chief Information Officer, U.S. Palent and Trademark Office. U.S. Department of Commerce, P.O. 80 x 450, Alexander, V.A. 2231-1450. ON IS SEND FEES DOC COMPLETED FORST OTHIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.